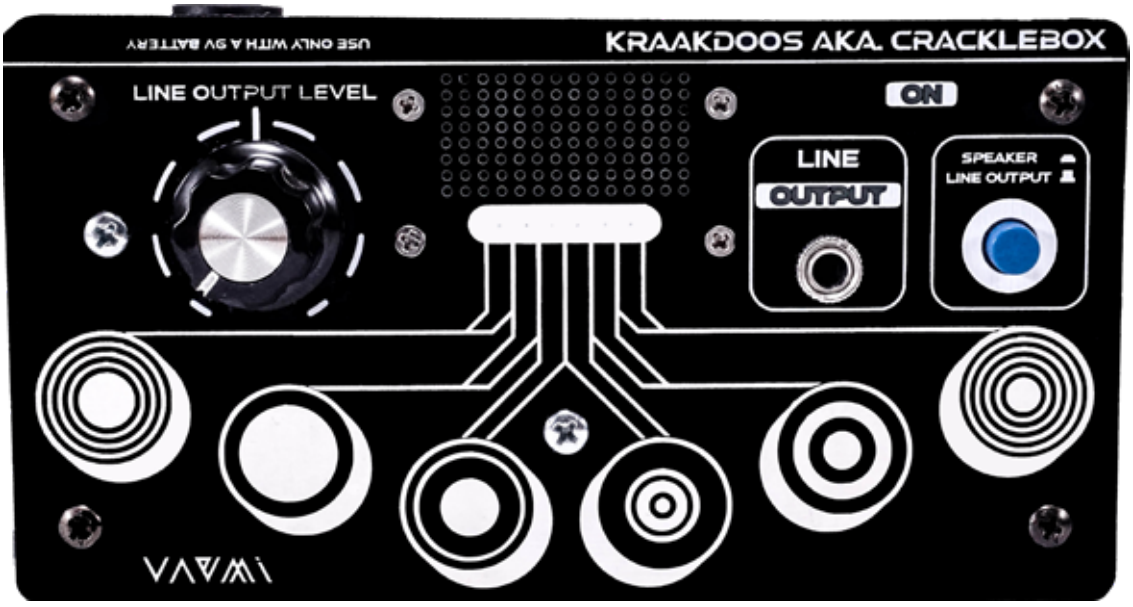


KRAAKDOOS (CRACKLEBOX) MANUAL EN

Kraakdoos (Cracklebox)

The Kraakdoos, also known as the Cracklebox, is an experimental electronic musical instrument first developed by Michel Waisvisz in the 1970s. This device makes interacting with electronic circuits fun and unconventional, and is played through its touch-sensitive surfaces. When you complete the circuit with your fingertips, it starts producing sound, with the tone, intensity, and rhythm changing according to your touch.

This modern version designed by Vaemi presents the classic Cracklebox concept with an innovative approach. The Kraakdoos serves as a creative tool in sound design, appealing to both musicians and those interested in experimental sounds.

The Kraakdoos, aka Cracklebox, uses the classic LM709 op-amp, which is now only available from a limited number of manufacturers. This component plays a crucial role in shaping the device's characteristic tone and unique sound palette, providing a truly one-of-a-kind audio experience.

Features

- Transformer-Isolated Line Output: The line-out connection is equipped with transformer isolation, ensuring signal isolation for cleaner sound transmission and professional-grade noise reduction.
- Speaker and External Output Options: Option for external speaker use or external line output.
- Touch Controls: The device responds dynamically to user touch, generating unique sounds.

Revived with Vaemi's design, the Kraakdoos offers an unforgettable experience in the world of analog electronics. With its transformer-isolated line output and the ability to run on a 9V battery, this device is an ideal choice for both studio and outdoor performances.

Dimensions: 130mm (length) x 70mm (width) x 60mm (height)

Power Consumption and Power Supply Information

Battery Usage

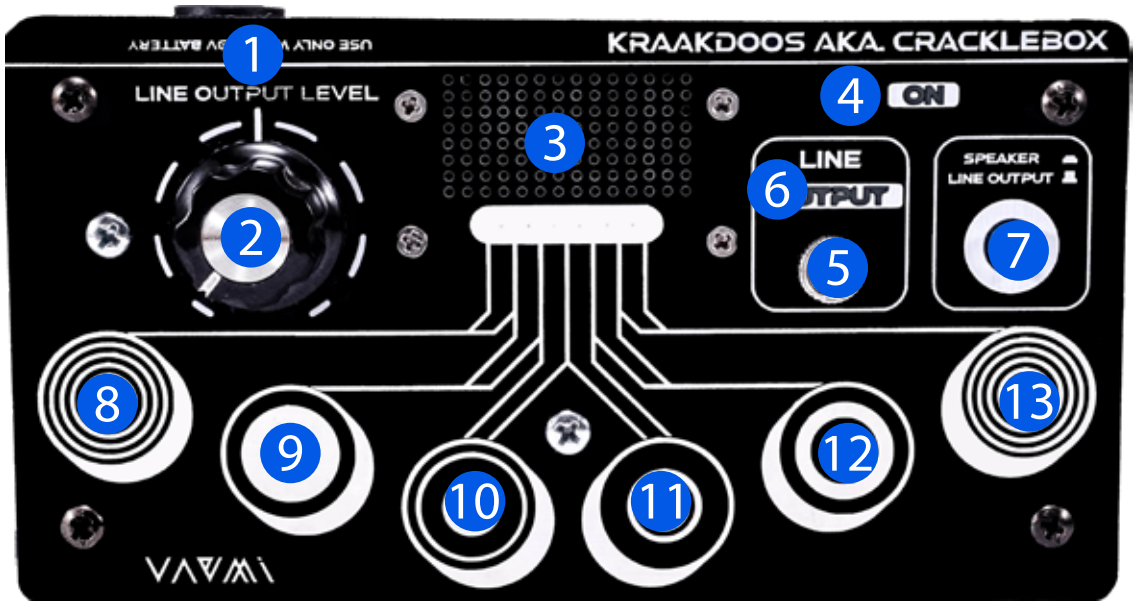
Can operate with a 9V battery and draws approximately 60mA of current.

Output

Output Level: 9Vpp (maximum)

The output has a 600-ohm impedance.

FRONT PANEL



1. 2.1mm DC jack socket with the positive center for power input.
2. Line Output Volume Level
3. Speaker
4. Power Light
5. Output Jack
6. Line Output Level LED Indicator
7. Speaker or Line Output Switch

8. Pad 1 : Opens the positive power rail (9V) to user control.
9. Pad 2 : Allows intervention on the output through a capacitor.
10. Pad 3 : Input frequency compensation (B).
11. Pad 4 : Affects the positive input of the op-amp, changing its gain and amplitude.
12. Pad 5 : Affects the negative input of the op-amp, changing its gain and amplitude.
13. Pad 6 : Input frequency compensation (A).

WARRANTY CONDITIONS

Diy kits are not covered by Vaemi warranty. Vaemi is not responsible for and accepts no responsibility for assembly errors or other problems with DIY kits.
Vaemi gives a two-year warranty on this product when you get it assembled.

Vaemi gives a one-year warranty for this product. The warranty period starts after the day you buy the product. (A proof of purchasing / a bill is required). Mistakes such as using the wrong power supply, connecting the cable to the bus board or the module in the wrong way, using a faulty flat (ribbon) cable, taking off the components, changing the front board, forwarding an output to another one will take the product out of warranty. In such a case, you will need to pay the normal service fee. Vaemi is not responsible, and will not take responsibility, for the damage that the product or the user may face because of operating the product. During the warranty period, a faulty product will be repaired by Vaemi for free. Shipping fees for sending the product back to Vaemi will be paid by the buyer.
For your further questions, please contact us on vaemisynth@gmail.com.

CE/REACH Compliant/RoHS Compliant
All Vaemi product are assembled with parts and materials that are compliant with CE/REACH/RoHs standards.

made in Türkiye